

Amendment and Response

Applicant: Robert Davidson

Serial No.: 09/760,242

Filed: January 12, 2001

Docket No.: 10002343-1

Title: PERSONAL MOVIE STORAGE MODULE

IN THE CLAIMS

Please amend claims 2, 3, 5-8, and 13-18 as follows:

1.(Original) A method of portably handling a movie comprising:

 storing electronically readable movie into a personal movie storage module including
 an atomic resolution storage memory component; and
 recalling selectively the movie from the memory component of the personal storage
 module into a personal movie playback device for viewing by a user.

2.(Currently Amended) The method of claim 1, wherein ~~the storing step~~ electronically
readable movie further includes comprises:

 transferring a copy of the movie from a movie purchase center into the memory
 component of the personal storage module.

3.(Currently Amended) The method of claim 2, and ~~wherein~~ storing electronically
readable movie ~~the transferring step~~ further comprising comprises:

 downloading the movie from a remotely located centralized movie database.

4.(Original) The method of claim 1 and further comprising:

 repeating the storing step to capture additional electronically readable movies into the
 memory component of the storage module.

5.(Currently Amended) The method of claim 1 wherein ~~the recalling step~~ selectively
the movie further comprises the playback device including at least one of a notebook
computer, a personal movie player, and a seatback-mounted movie viewer.

6.(Currently Amended) The method of claim 1 wherein, ~~the storing~~ electronically
readable movie ~~step~~ further comprises:

 providing the storage module with a communication interface, and a power supply.

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7.(Currently Amended) The method of claim 1-6, wherein the memory component further includes comprises a controller logic for operating the storage device module and communicating between the memory component and the communication interface.

8.(Currently Amended) The method of claim 1, and further comprising:
performing the storing step electronically readable movie and the recalling step
selectively the movie in a broadband frequency format.

9.(Original) A personal movie storage module comprising:
an ultra-high capacity storage device including an atomic resolution storage device
memory component capable of storing at least one movie; and
a communication interface for communicating to and from the memory component of
the storage module.

Q 3

10.(Original) The module of claim 9, and further comprising a controller unit located on the atomic resolution storage device for operating the storage device and communicating between the memory component and the communication interface.

11.(Original) The module of claim 9, wherein the atomic resolution storage device further comprises:
a field emitter fabricated by semiconductor microfabrication techniques capable of generating an electron beam current; and
a storage medium in proximity to the field emitter and having a storage area in one of a plurality of states to represent the information stored in the storage area.

12.(Original) The module of claim 11, wherein an effect is generated when the electron beam current bombards the storage area, wherein the magnitude of the effect depends upon the state of the storage area, and wherein the information stored in a storage area is read by measuring the magnitude of the effect.

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13.(Currently Amended) The module of claim 11, and further comprising:

a plurality of storage areas on the storage medium, ~~with each storage area in one of a plurality of states to represent information stored in the storage area~~ being similar to the one recited in claim 11; and

a microfabricated mover in the storage device to position different storage areas to be bombarded by the electron beam current.

14.(Currently Amended) The module of claim 13, and further comprising:

a plurality of field emitters, ~~with each emitter being similar to the one recited in claim 11~~ fabricated by semiconductor microfabrication techniques capable of generating an electron beam current, the plurality of field emitters being spaced apart, with each emitter being responsible for a number of storage areas on the storage medium; and

such that a plurality of the field emitters ~~can~~ work in parallel to increase the data rate of the storage device.

15.(Currently Amended) The module of claim 9, and further comprising:

a housing which encloses the ultra-high capacity storage device and the communication interface.

16.(Currently Amended) A portable movie handling system comprising:

a portable movie storage module comprising:

an atomic resolution storage memory device ~~of~~ for storing at least one movie; and

a communication interface for communicating to and from the storage device;

a purchase system permitting purchasable access to movies stored as electronically readable information including:

a centralized movie database storing a collection of movies for downloading to multiple points-of purchase; and

a point-of-purchase center for selectively transferring a copy of a selected movie from the centralized database to the memory device of the

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movie storage module; and

a movie playback device for viewing movie from the storage memory device of the movie storage module.

Q 3 17.(Currently Amended) The system of claim 45-16, wherein the playback device is at least one of a notebook computer, a seatback mounted movie viewer, and a personal portable playback device.

18.(Currently Amended) The system of claim 45-16, wherein the centralized movie database comprises a cable/satellite TV network and the point-of-purchase center comprises a cable/satellite TV receiver.
